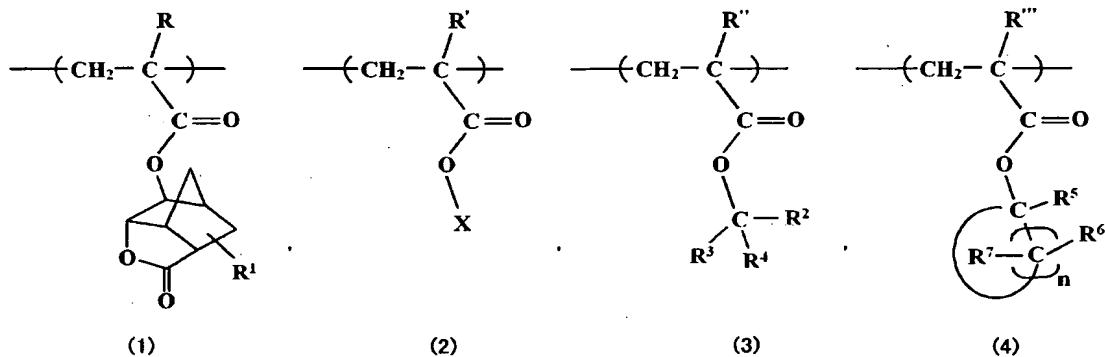


CLAIMS

1. An acrylic polymer comprising a recurring unit (i) represented by the following formula (1), a recurring unit (ii) represented by the following formula (2), and an acid-labile group-containing recurring unit (iii) which contains at least one unit selected from a recurring unit represented by the following formula (3) and formula (4),



wherein, in the formulas (1) to (4), R, R', R'', and R''' individually represent a hydrogen atom, methyl group, or trifluoromethyl group, in the formula (1), R¹ represents a hydrogen atom, linear or branched alkyl group having 1-4 carbon atoms, linear or branched alkoxy group having 1-4 carbon atoms, or linear or branched fluoroalkyl group having 1-4 carbon atoms, in the formula (2), X represents a polycyclic hydrocarbon group consisting only of carbon and hydrogen and having 7-20 carbon atoms, in the formula (3), R² and R³ individually represent a linear or branched alkyl group having 1-4 carbon atoms and R⁴ represents an alicyclic hydrocarbon group having 4-20 carbon atoms, and in the formula (4), R⁵ represents a linear or branched alkyl group having 1-4 carbon atoms, R⁶ and R⁷ individually represent a hydrogen atom or a linear or branched alkyl group having 1-4 carbon atoms, and n represents an integer.

of 3-7.

2. The acrylic polymer according to claim 1, wherein the recurring unit (iii) is a group represented by the formula (4).

3. The acrylic polymer according to claim 2, wherein, in the formula (4), R⁵ is a methyl group or ethyl group, R⁶ and R⁷ are hydrogen atoms, and n is 4 or 5.

4. The acrylic polymer according to claim 1, wherein, in the recurring unit (i) represented by the formula (1), R is a hydrogen atom or methyl group and R¹ is a hydrogen atom.

5. The acrylic polymer according to claim 1, wherein, in the recurring unit (ii) represented by the formula (2), the polycyclic hydrocarbon group consisting only of carbon and hydrogen and having 7-20 carbon atoms is a hydrocarbon group originating from bicyclo[2.2.1]heptane, bicyclo[2.2.2]octane, tricyclo[5.2.1.0^{2,6}]decane, tetracyclo[6.2.1.1^{3,6}.0^{2,7}]dodecane, or tricyclo[3.3.1.1^{3,7}]decane.

6. The acrylic polymer according to claim 1, wherein the proportion of the recurring units in the total recurring units is 20-70 mol% for the recurring unit (i), 1-20 mol% for the recurring unit (ii), and 20-60 mol% for the acid-labile group-containing recurring unit (iii).

7. A radiation-sensitive resin composition comprising the acrylic polymer according to claim 1 and a photoacid generator.

8. A radiation-sensitive resin composition comprising the acrylic polymer according to claim 2 and a photoacid generator.